

HMed 5201  
Spring 2004  
Lectures: MW 10:10 Physics 133  
Seminar: W 11:30 Diehl Hall 511

John M. Eyler  
511 Diehl Hall  
624-5921  
eyler001 @ tc.umn.edu

This is the second in a two-semester introductory survey of the social and intellectual history of medicine. Our focus is on the period from 1830 to the present. Prior enrollment in HMed 5200 is not a prerequisite for this course.

## **TEXTS**

Laurie Kaye Abraham, Mama Might Be Better Off Dead: The Failure of Health Care in Urban America.

Joel D. Howell, Technology in the Hospital: Transforming Patient Care in the Early Twentieth Century.

Regina Markell Morantz-Sanchez, Sympathy and Science: Women Physicians in American Medicine

Charles E. Rosenberg, The Cholera Years: The United States in 1832, 1849, and 1866.

Paul Starr, The Social Transformation of American Medicine.

Tomes, Nancy. The Gospel of Germs: Men, Women and the Microbe in American Life.

John Harley Warner and Janet A. Tighe, Major Problems in the History of American Medicine and Public Health.

A packet of photocopies.

## **COURSE REQUIREMENTS:**

1. Attend all class meeting and read all assigned reading by meeting time for the seminar for which it is assigned
2. Actively participate in discussion at the weekly seminars. Your obligation is to enrich our consideration of the subjects and to help all of us learn.
3. Successfully complete the comprehensive final examination

4. Undergraduates: Submit a one-thousand word reaction paper on the assigned reading for five of the weeks this term.
5. Graduate students: in addition to requirements #1-3, prepare a critical book review, not to exceed 1,000 words each, on three of the books listed on the syllabus under "Reports." These written review are due at the seminar meeting in which the work is listed in the syllabus. You are also asked to prepare a fifteen-minute presentation on the book for the benefit of the seminar. Prepare this oral presentation for the ear. Practice aloud to be certain that you can deliver your report comfortably within fifteen minutes.

### **TENTATIVE CLASS SCHEDULE:**

#### Week 1 (Jan 21-23)

1. Course Introduction & Medicine in 1830

Read:

Major Problems, pp. 3-24.

#### Week 2 (Jan 26-30) Medicine in the 1830s and 1840s

1. Recruitment, Training, Competition
2. Regular Therapeutics

Read:

Starr, Social Transformation, pp. 3-47.

Major Problems, pp. 91-92, 108-14, 120-23, 93-94, 96-99, 103-07.

Benjamin Rush, "Observations on the Duties of a Physician," in Medical Inquiries and Observations (Philadelphia, 1794), I, pp. 315-338 (retyped--new pp. 1-8)  
[packet]

#### Week 3 (Feb 2-6) Medical Freedom, Medical Rebellion

1. Homegrown Radicals: Thompsonians and Grahamites
2. European Imports: Hydropaths and Homeopaths

Read:

Starr, Social Transformations, pp. 47-102.

Major Problems, pp. 71-73, 127-30, 135-36.

Code of Ethics of the American Medical Association (1848) [packet]

Reports:

William Rothstein, American Physicians in the Nineteenth-Century: From Sects to Science (Baltimore: Johns Hopkins University Press, 1972).

Harris Coulter, Divided Legacy: A History of the Schism in Medical Thought, vol. 3

Cayleff, Susan F. Wash and Be Healed: The Water-Cure Movement and Women's Health.

Week 4 (Feb 9-13) The Lure of Paris

1. A Revolution in Learning
2. A Revolution in Attitudes

Read:

Major Problems, pp. 143-49.

Pierre Louis, Researches on the Effects of Bloodletting, pp. 1-22 & 55-70 [packet]

Jacob Bigelow, "On the Self-Limited Diseases," [1835] in Medical America in the Nineteenth Century: Readings from the Literature, ed. Gert H. Brieger (Baltimore: Johns Hopkins University Press, 1972), 98-106.

Reports:

John Harley Warner, Against the Spirit of System: The French Impulse in Nineteenth-Century American Medicine (Princeton: Princeton University Press, 1998).

Russell Maulitz, Morbid Appearances: The Anatomy of Pathology in the Early Nineteenth Century.

Week 5 (Feb 16-20) Women as Patients and as Physicians in the 19<sup>th</sup> Century

1. The Transformation of Childbirth
2. Women Earn a Place of their Own in the Medical Profession

Read:

Morantz-Sanchez, Sympathy and Science, chap. 1-8.

Major Problems, pp. 73-80, 131-42.

Reports:

Judith Walzer Leavitt, Brought to Bed: Childbearing in America 1750-1950 (New York & Oxford: Oxford University Press, 1986).

Mary RothWalsh, Doctors Wanted, No Women Need Apply: Sexual Barriers in the Medical Profession, 1835-1975.

Week 6 (Feb 23-27) Epidemics, Poverty, and Public Health

1. Sanitary Reform of City and Hospital: Edwin Chadwick and Florence Nightingale
2. The Invention of the Trained Nurse

Read:

Susan Reverby, "A Caring Dilemma: Womanhood and Nursing in Historical Perspective," Nursing Research, 36 (1987), 5-11. [packet]

Rosenberg, Cholera Years

Reports:

Christopher Hamlin, Public Health and Social Justice in the Age of Chadwick: Britain, 1800-1854 (Cambridge University Press, 1998).

F. B. Smith, Florence Nightingale: Reputation and Power (New York: St. Martin's Press, 1982).

Anthony Wohl, Endangered Lives: Public Health in Victorian Britain.

Week 7 (March 1-5) Scientific Change at Mid-Century

1. Anesthesia and Surgery at Mid-century
2. Discovering how Cholera Spreads

Read:

Major Problems, pp. 101-02, 114-19.

P. E. Brown, "John Snow--The Autumn Loiterer," Bulletin of the History of Medicine, 35 (1961), 519-528.

John M. Eyler, "The Changing Assessments of John Snow's and William Farr's Cholera Studies," Soz.-Preventivmed, 46 (2001), 225-32.

Report:

David A. E. Shephard, John Snow: A Biography.

Week 8 (March 8-12)

1. European Culture and the Pursuit of Science
2. Bringing European Science to America: The American University and the Medical College

Read:

Robert G. Frank, Jr., "American Physiologists in German Laboratories, 1865-1914," in Physiology in the American Context 1850-1940, ed. Gerald L. Geison (Bethesda, MD: American Physiological Society, 1987), 11-46.

Major Problems, pp. 216-24, 196-207.

Reports:

Bonnie Blustein, Preserve Your Love for Science: The Life of William Hammond, American Neurologist (New York: Cambridge University Press, 1991).

Thomas Neville Bonner, American Doctors and the German Universities: A Chapter in International Intellectual Relations, 1870-1914 (Lincoln: University of Nebraska Press, 1963).

Week 9 (March 15-19) Spring Break

Week 10 (March 22-26)

1. Fermentation, Microbes, and Scientific Controversy in the 1860s
2. Creating a New Medical Science: Louis Pasteur, Robert Koch, and International Scientific Rivalry

Read:

Gerald L. Geison, "Louis Pasteur," in Dictionary of Scientific Biography, X, pp. 350-71.

John Farley and Gerald L. Geison, "Science, Politics and Spontaneous Generation in Nineteenth-Century France: The Pasteur-Pouchet Debate," Bulletin of the History of Medicine, 48 (1974), 161-98. [packet]

Tomes, Gospel of Germs, Introduction and chap. 1-4.

Report:

K. Codell Carter, The Rise of Causal Concepts of Disease.

W. Bruce Fye, The Development of American Physiology: Scientific Medicine in the Nineteenth Century (Baltimore & London: Johns Hopkins University Press, 1987).

Week 11 (March 29-April 2)

1. Transforming Surgery: Antisepsis and Asepsis
2. Medical Miracles from the Laboratory: Vaccines and Antitoxins

Read:

Gerald L. Geison, "Pasteur's Work on Rabies: Reexamining the Ethical Issues," Hastings Center Report, 8:2 (1978), 26-33. [packet]

Major Problems, pp. 224-32 & 213-15.

Joseph Lister, "On the Antiseptic Principle in the Practice of Surgery," British Medical Journal, (1867, II), 246-248.

Bert Hansen, "New Images of a New Medicine: Visual Evidence for the Widespread Popularity of Therapeutic Discoveries in America after 1885," Bulletin of the History of Medicine, 73 (1999), 629-78.

Report:

Gerald L. Geison, The Private Science of Louis Pasteur (Princeton: Princeton University Press, 1995).

Week 12 (April 5-9)

1. Building a Dominant Profession: Progressivism and the Cultural Authority of Science
2. The Transformation of the Hospital

Read:

Morris Vogel, "The Transformation of the American Hospital, 1850-1920," in Health Care in America: Essays in Social History, ed. Susan Reverby and David Rosner (Philadelphia: Temple University Press, 1979), 105-16. [packet]

Starr, Social Transformation, 102-79.

Morantz-Sanchez, Sympathy and Science, chap. 9-11.

Major Problems, pp. 207-12, 277-86, 292-97, 368-72.

Reports:

Kenneth M. Ludmerer, Learning to Heal: The Development of American Medical Education (New York: Basic Books, 1985)

Lloyd C. Taylor, Jr., American Doctors and Social Reform, 1885-1945.

Barbara Sicherman, Alice Hamilton: A Life in Letters.

## Week 13 (April 12-16)

1. The New Public Health
2. The Campaign against Tuberculosis

## Read

Tomes, Gospel of Germs, chap. 5-9.

Major Problems, pp. 239-44.

Starr, Social Transformation, pp. 180-97.

Judith Walzer Leavitt, "Typhoid Mary Strikes Back: Bacteriology Theory and Practice in Early Twentieth-Century Public Health," Isis, 83 (1992), 608-29.

## Reports:

Alan M. Kraut, Silent Travelers: Germs, Genes, and the 'Immigrant Menace' (Baltimore & London: Johns Hopkins University Press, 1994).

James H. Cassedy, Charles V. Chapin and the Public Health Movement (Cambridge, MA: Harvard University Press, 1962).

Katherine Ott, Fevered Lives: Tuberculosis in American Culture since 1870 (Cambridge, Mass.: Harvard University Press, 1996).

## Week 14 (April 19-23) Chronic Disease and Modern Medicine

1. Sexually Transmitted Diseases: Microbes and Morals
2. The Children's Crusade: The Fight against Polio

## Read:

Starr, Social Transformation, 145-79.

Howell, Technology in the Hospital.

Major Problems, pp. 234-35, 237-39, 245-55, 444-50, 431-35.

## Report:

Allan M. Brandt, No Magic Bullet: A Social History of Venereal Disease in the United States since 1880.

Michael Bliss, The Discovery of Insulin (Chicago: University of Chicago Press, 1982).

Week 15 (April 26-30)

1. From Bismark to Medicare: A Hurried Look at the History of Health Insurance
2. Medical Misconduct: From Denial to Public Regulation

Read:

Starr, Social Transformation, 199-334.

Philip Reilly, "The Surgical Solution: The Writings of Activists Physicians in the Early Days of Eugenical Sterilization," Perspectives in Biology and Medicine, 26 (1983), 637-56. [packet]

Major Problems, pp. 400-08, 416-23, 390-93, 379-86, 485-89, 524-31.

Reports:

Susan E. Lederer, Subjected to Science: Human Experimentation in America Before the Second World War (Baltimore & London: Johns Hopkins University Press, 1995).

James H. Jones, Bad Blood: The Tuskegee Syphilis Experiment—A Tragedy of Race and Medicine (New York: Free Press, 1981).

Week 16 (May 3-7)

1. The War against Cancer and the Growth of the Federal Health Establishment
2. Review and Overview

Read: Abraham, Mama Might Be Better Off Dead

Reports:

James T. Patterson, The Dread Disease: Cancer and Modern American Culture (Cambridge, MA & London: Harvard University Press, 1987).

